

FIG. 1

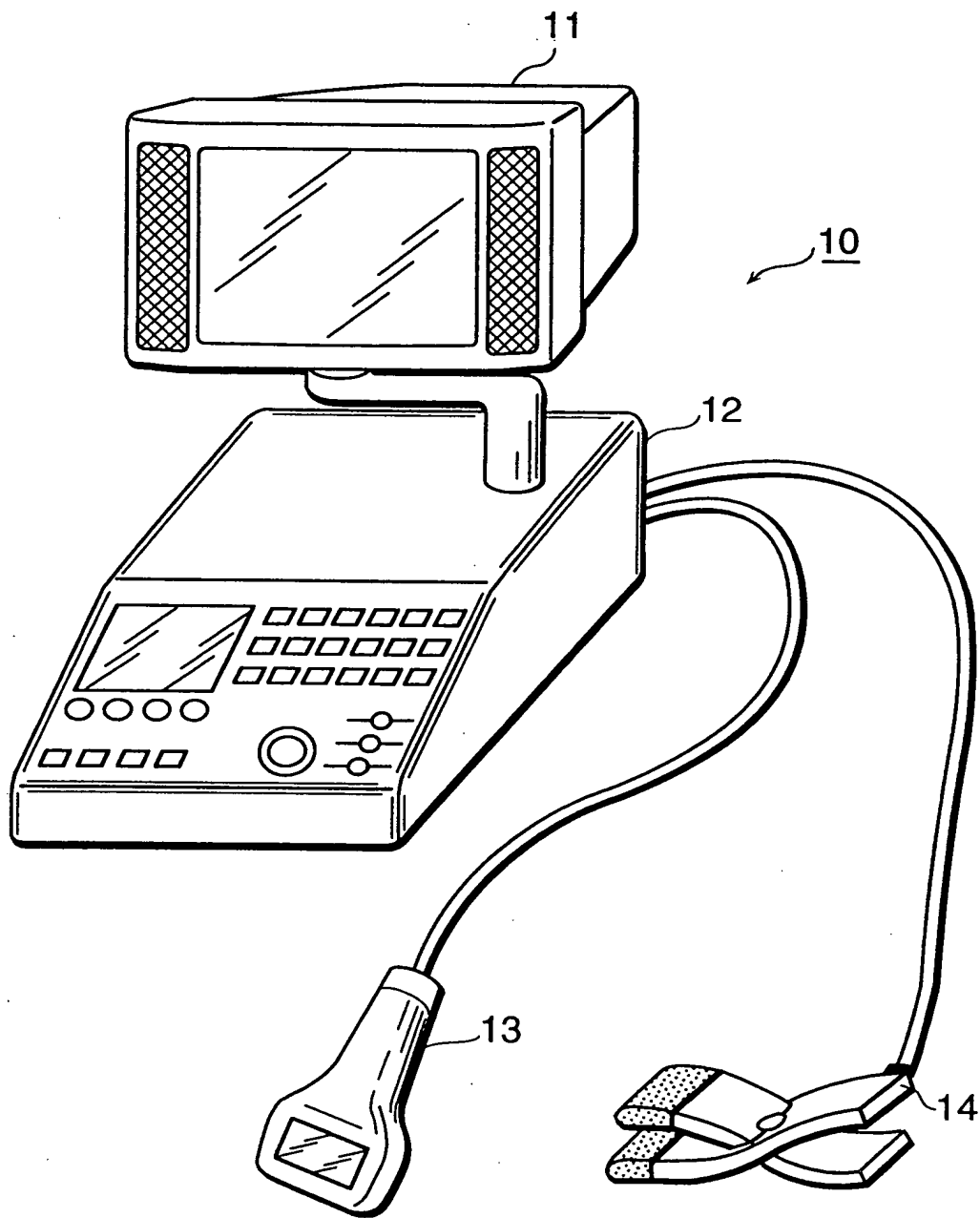


FIG. 2

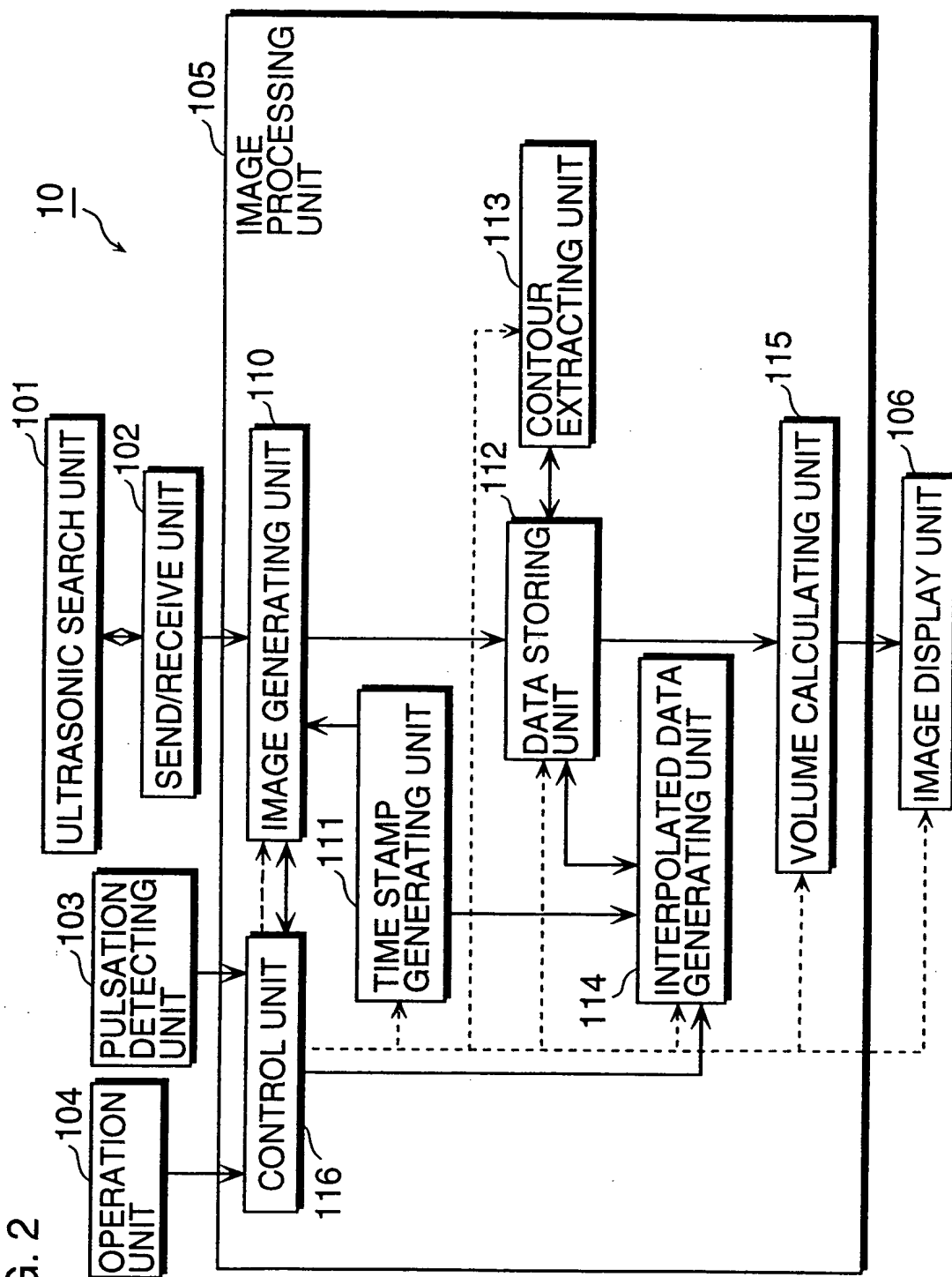


FIG. 3

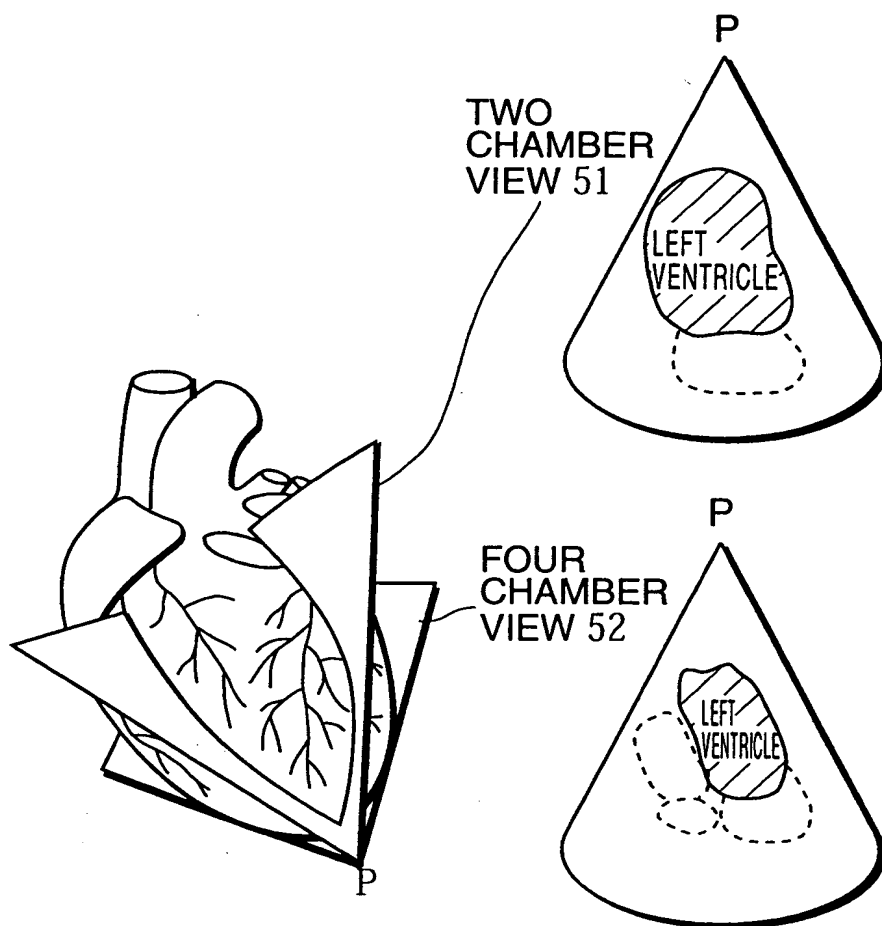


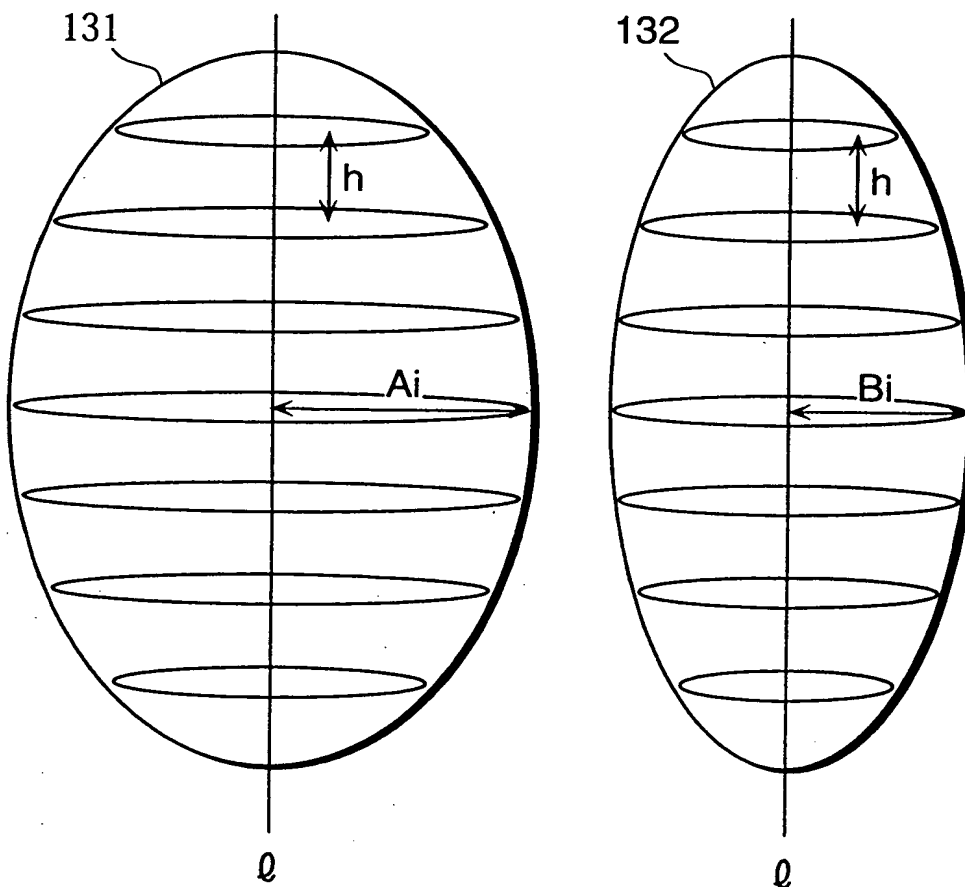
FIG. 4

THE MODIFIED SIMPSON METHOD

RADIUSES  $A_i$  AND  $B_i$  OF SLICES OF TWO CROSS  
SECTIONS THAT ARE ORTHOGONAL TO EACH OTHER,  
AND INTERVAL  $h$  BETWEEN SLICES



$$\text{VOLUME (OR CAPACITY) } V = \sum A_i B_i \times h \pi$$



CROSS SECTIONS THAT SHARE  
AXIS  $l$  AND ARE ORTHOGONAL TO EACH OTHER

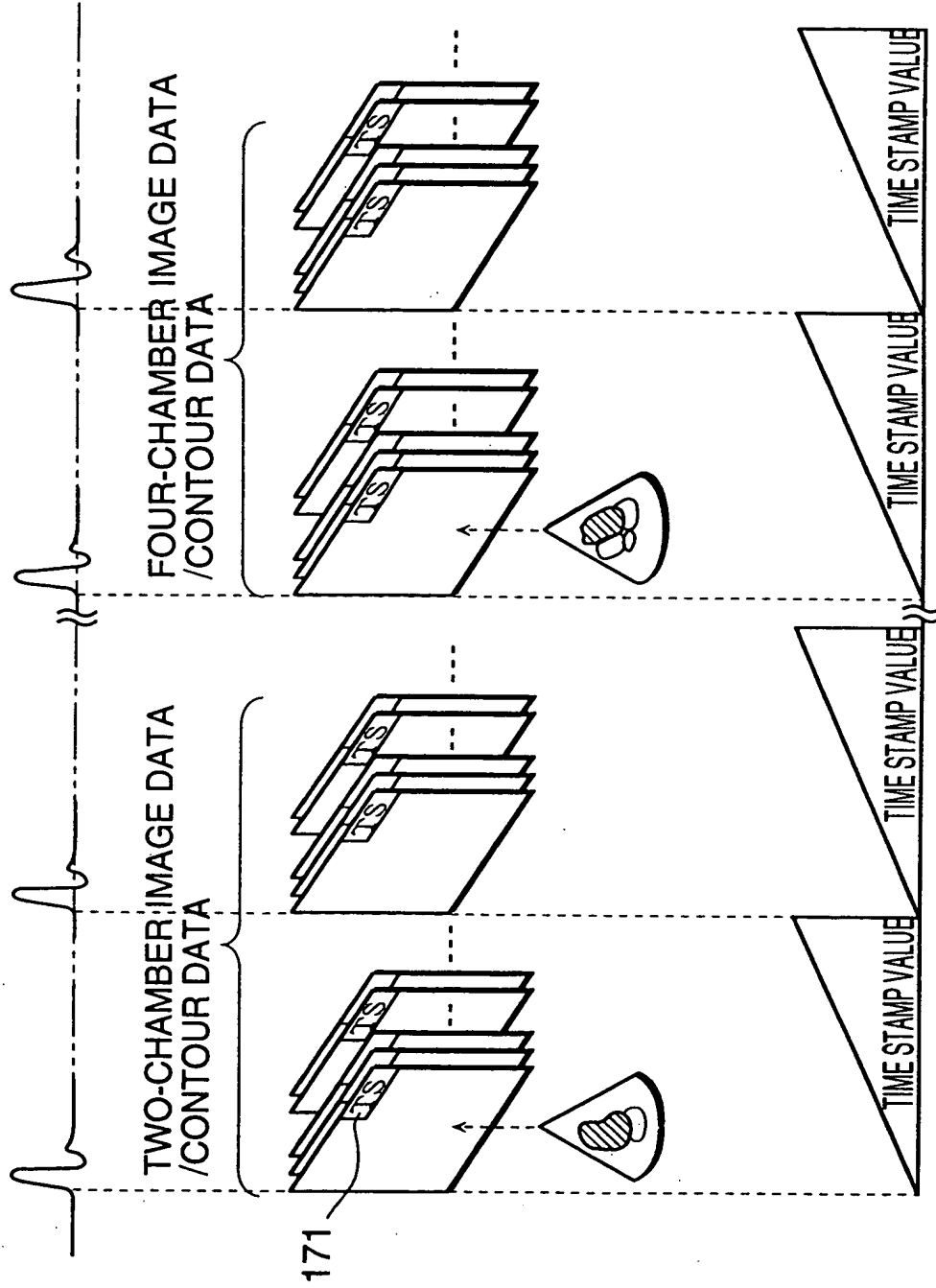
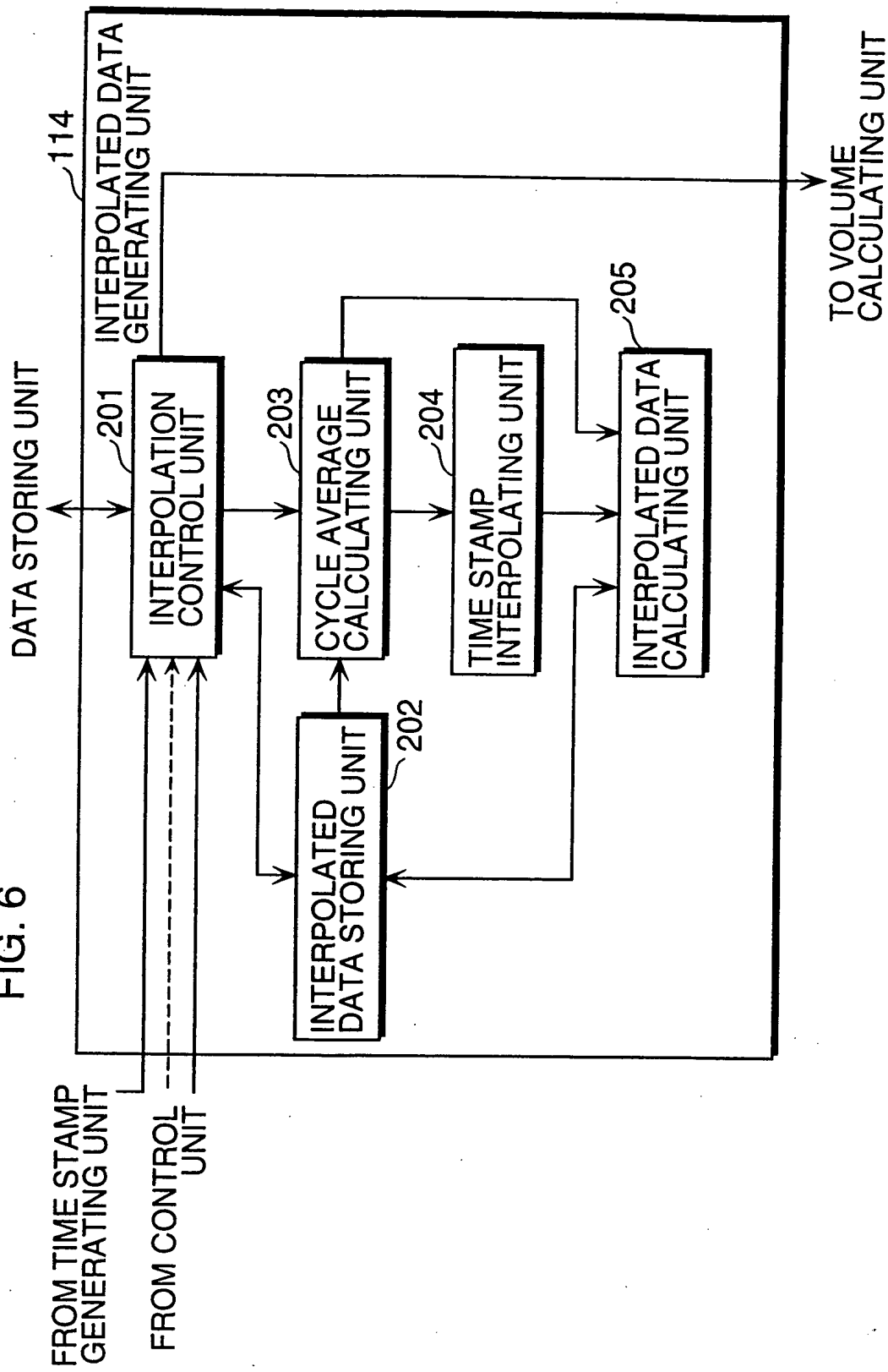


FIG. 6



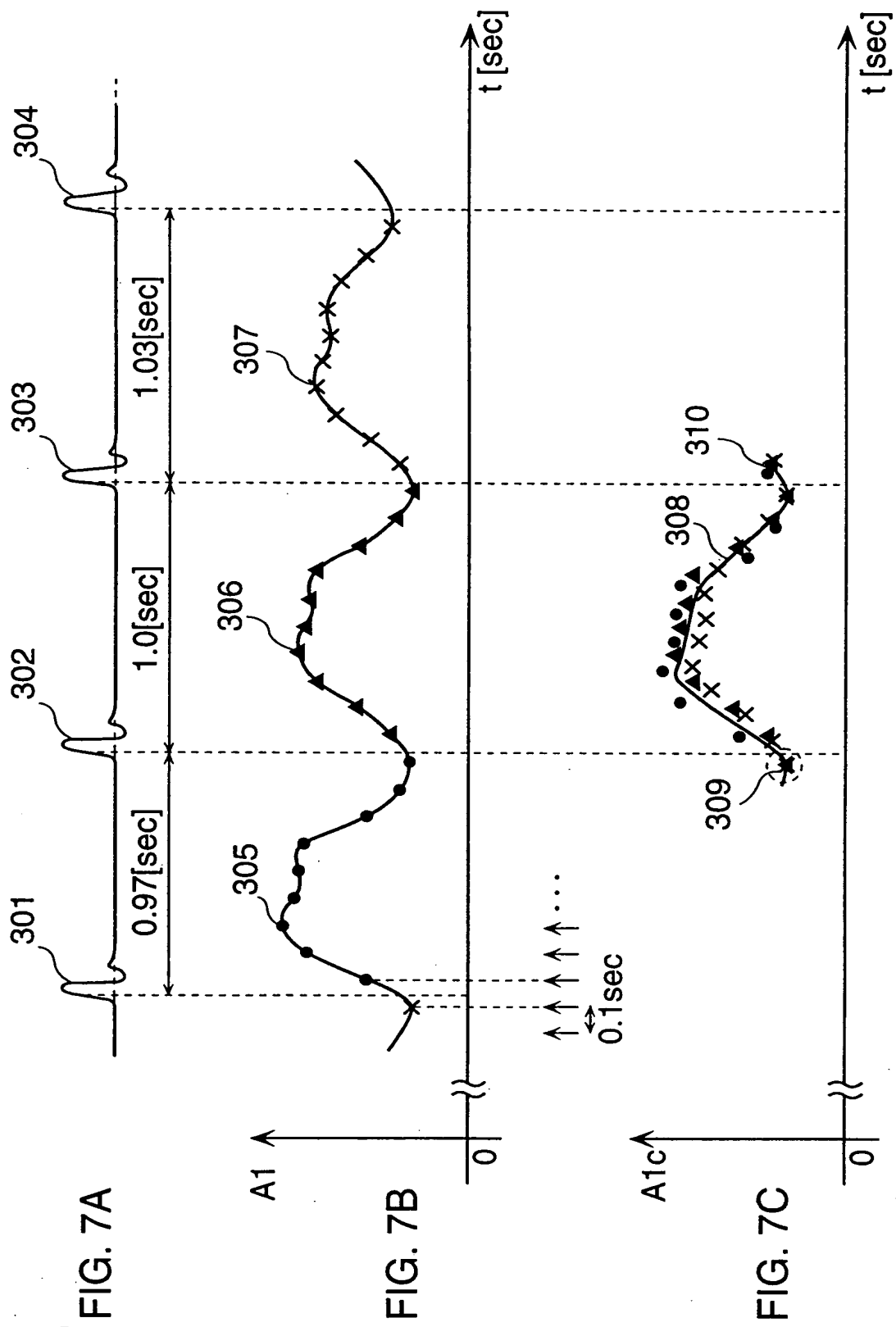


FIG. 8

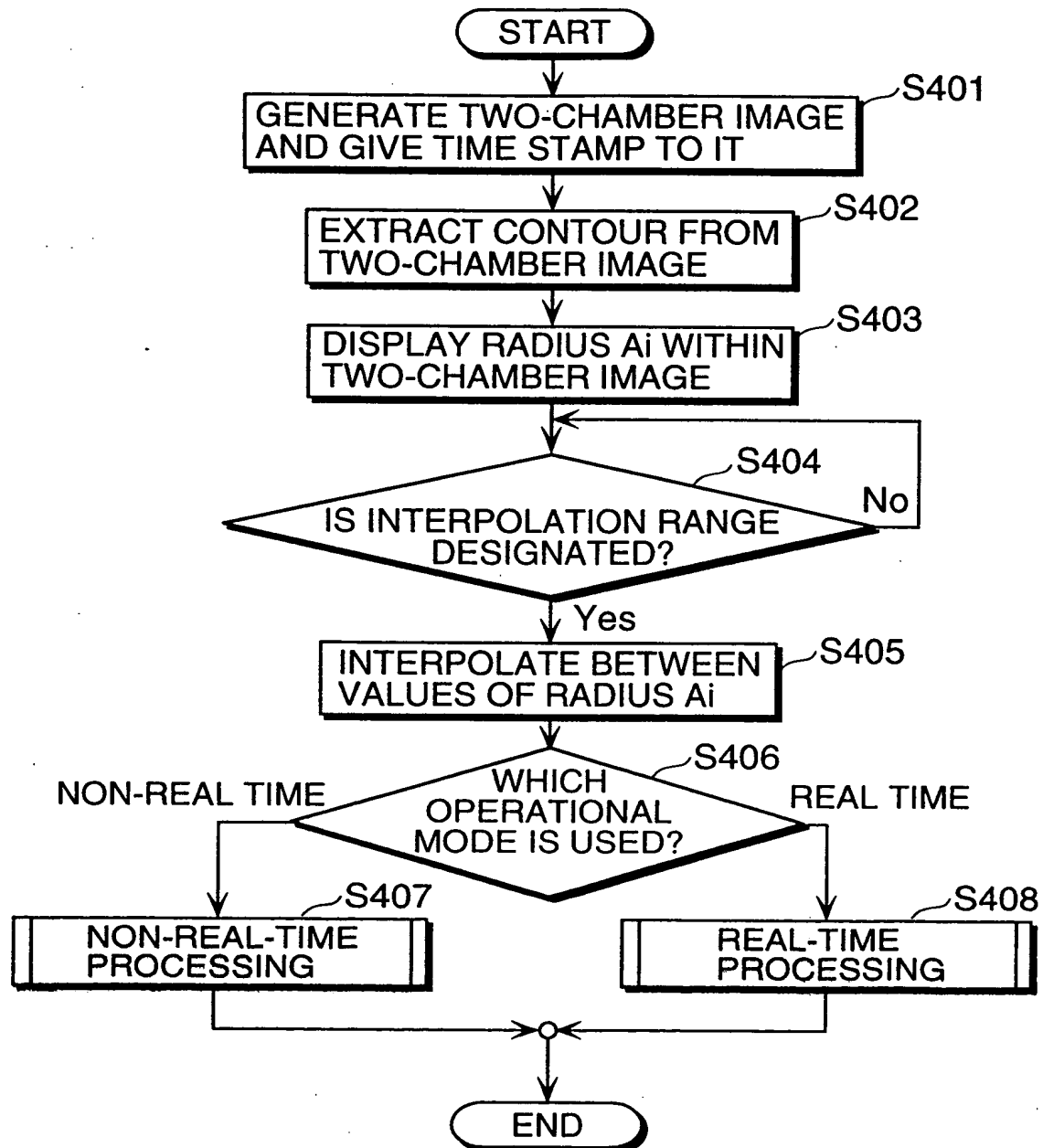




FIG. 9

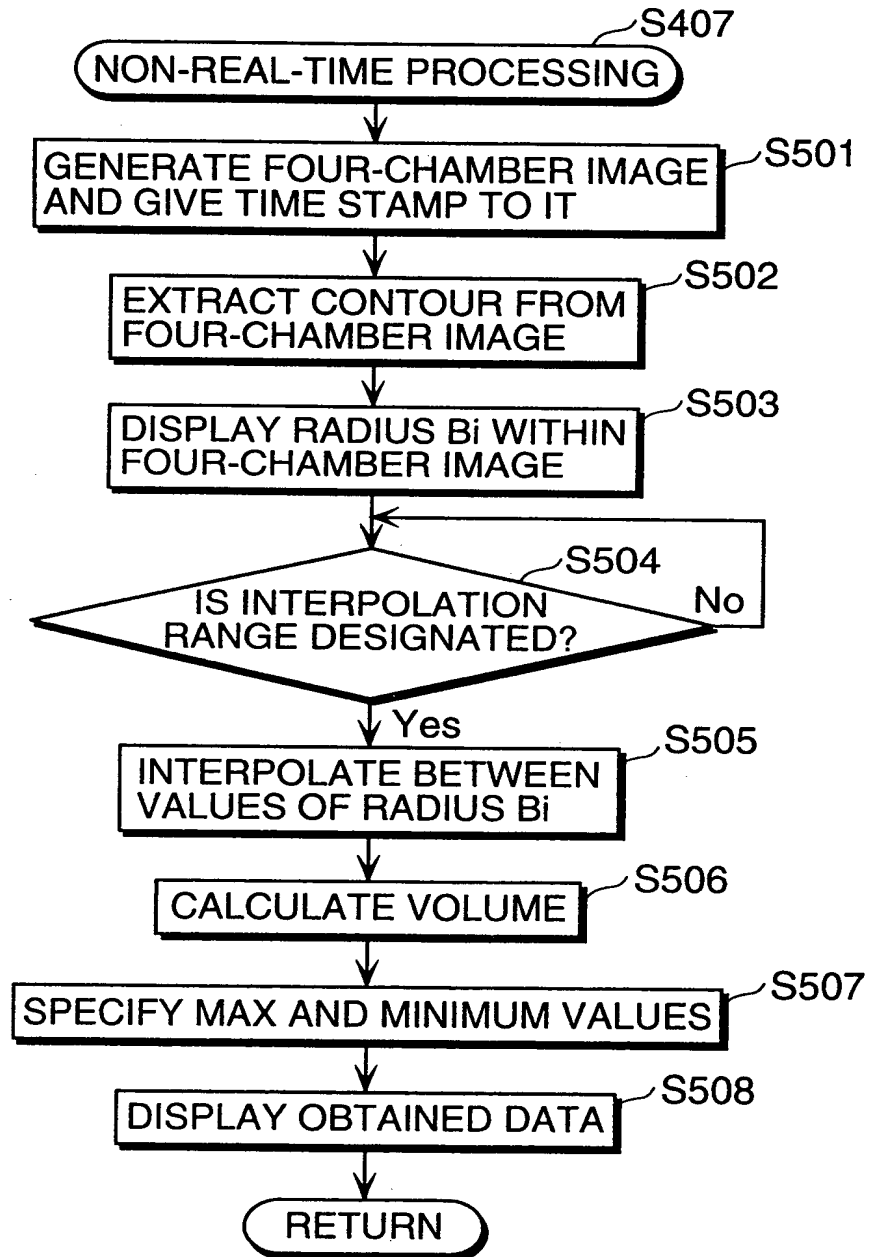


FIG. 10

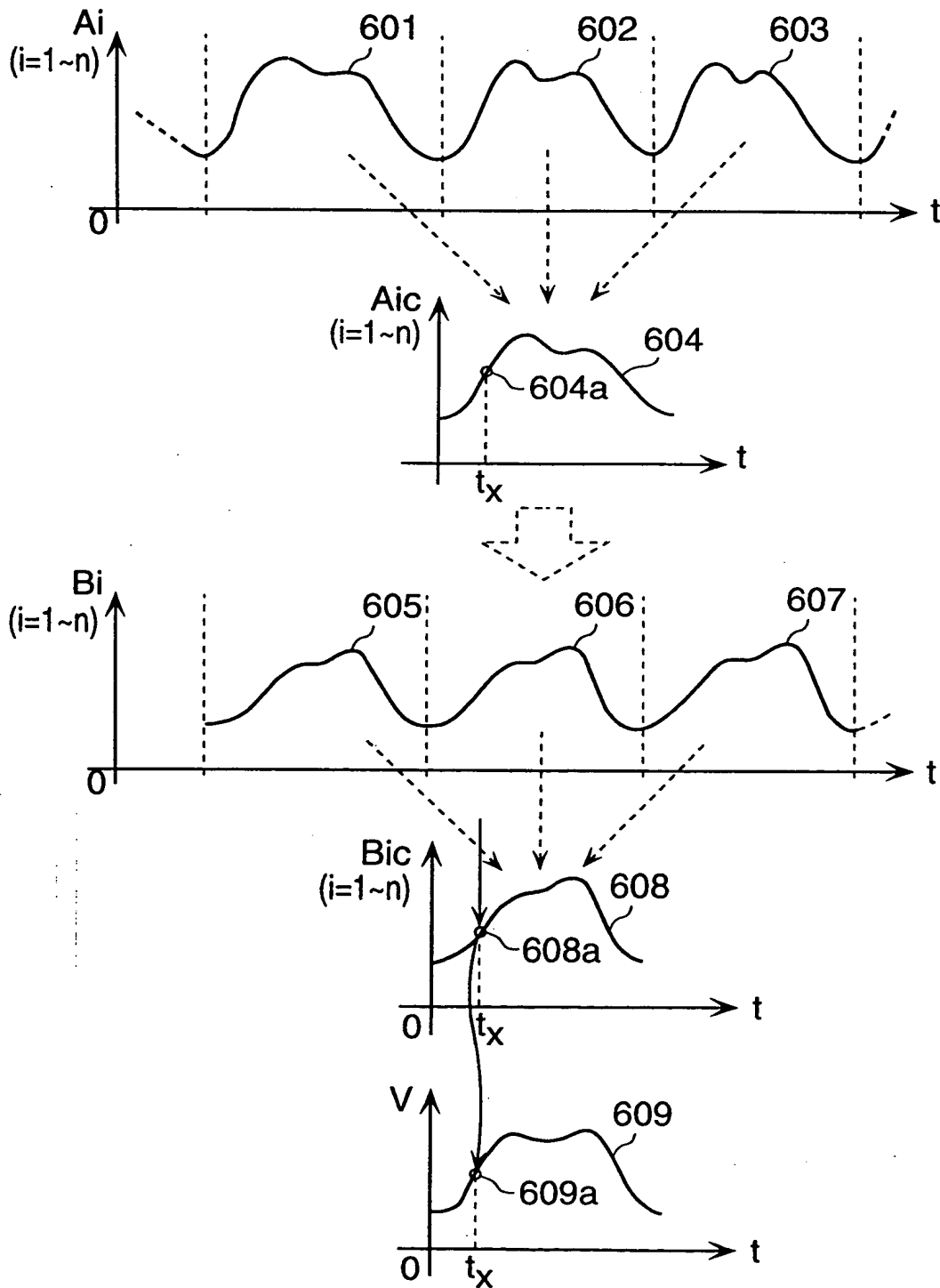


FIG. 11

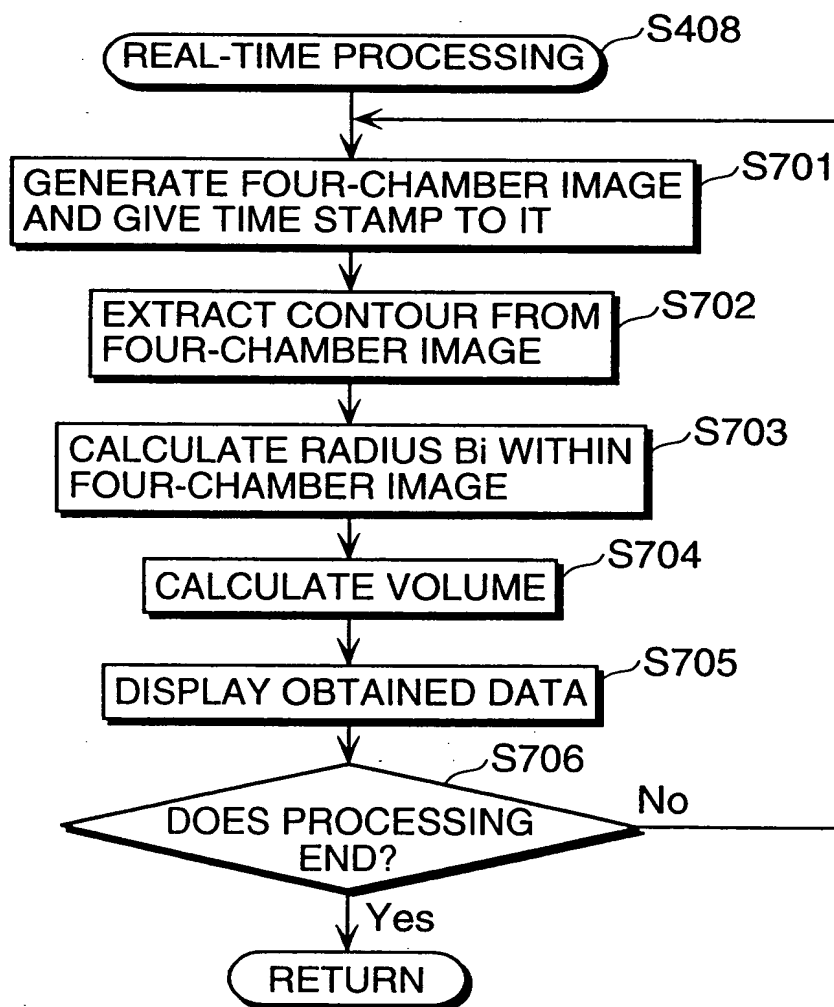


FIG. 12

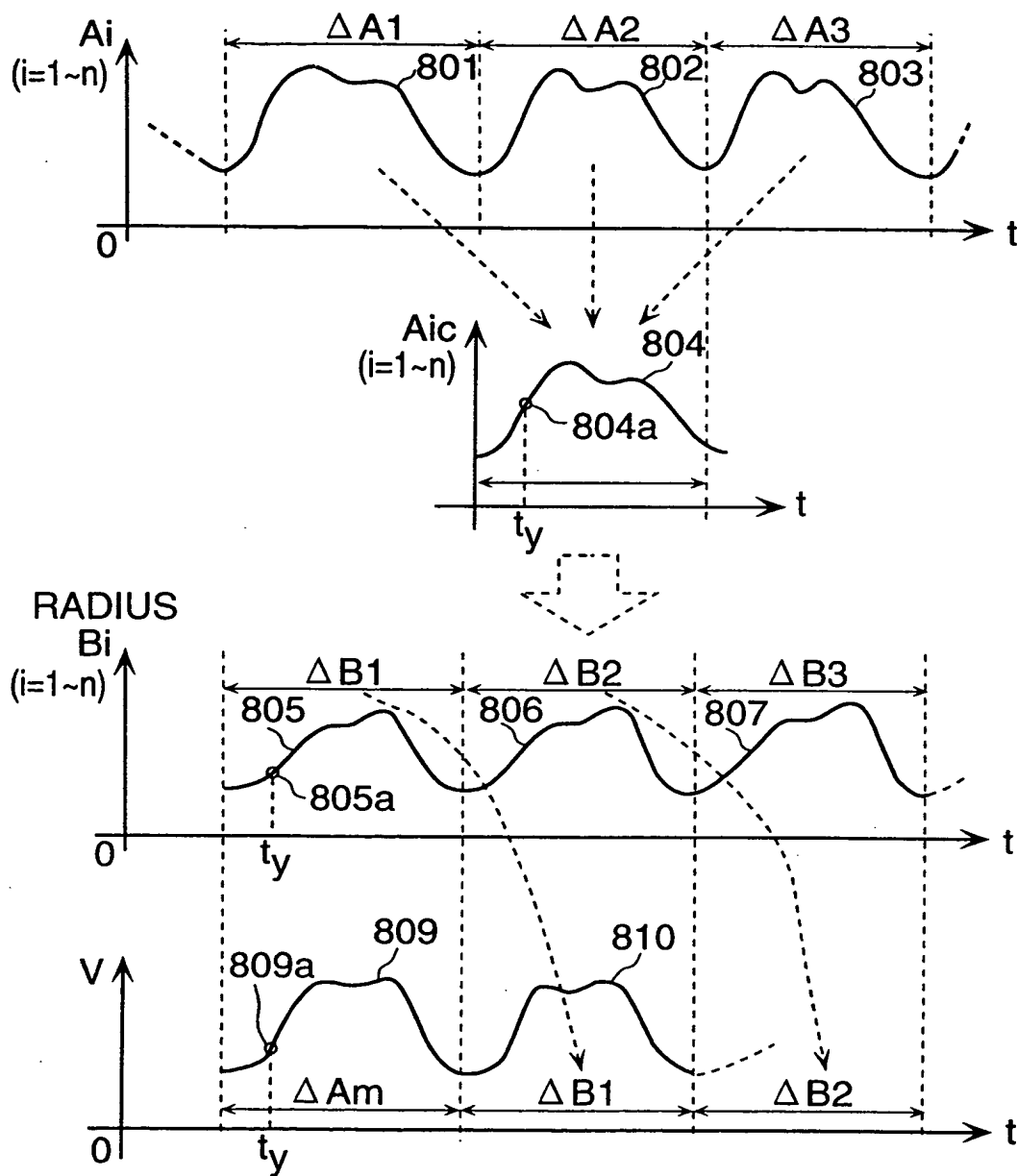


FIG. 13

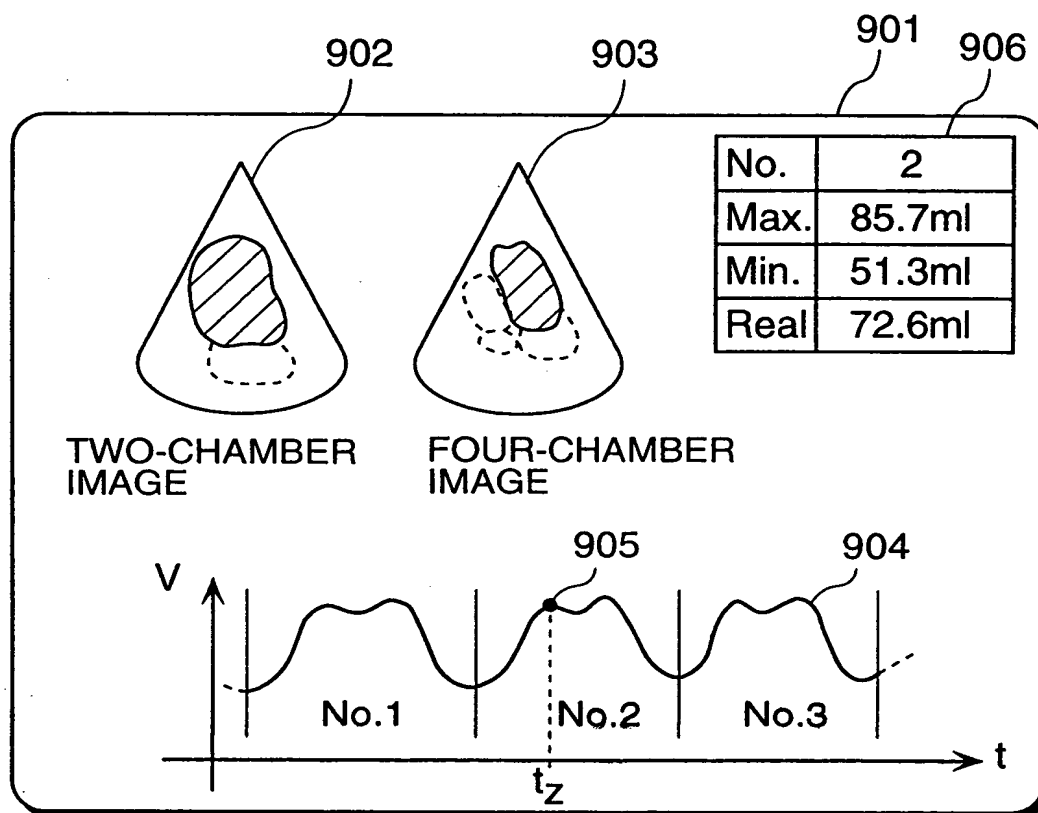


FIG. 14

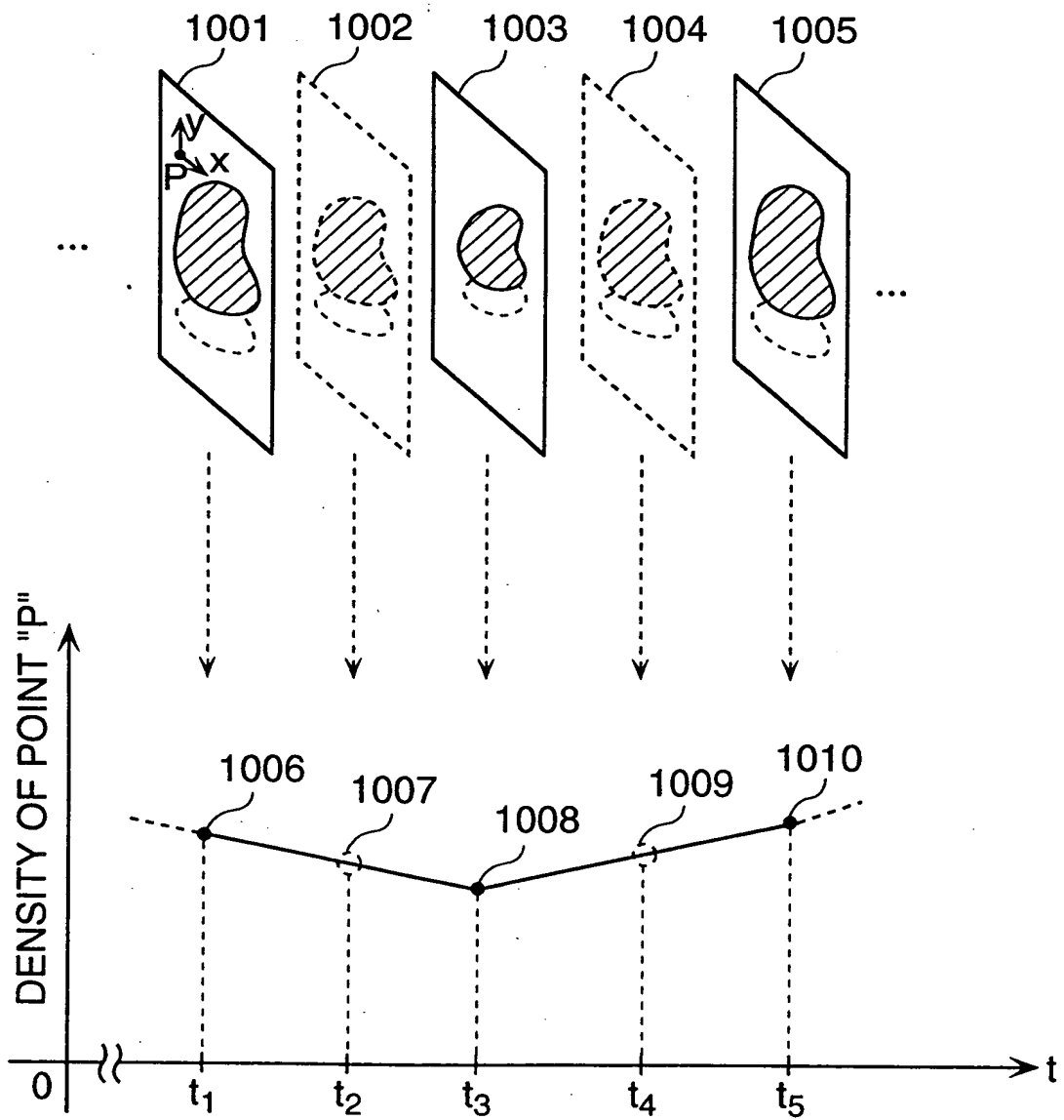


FIG. 15

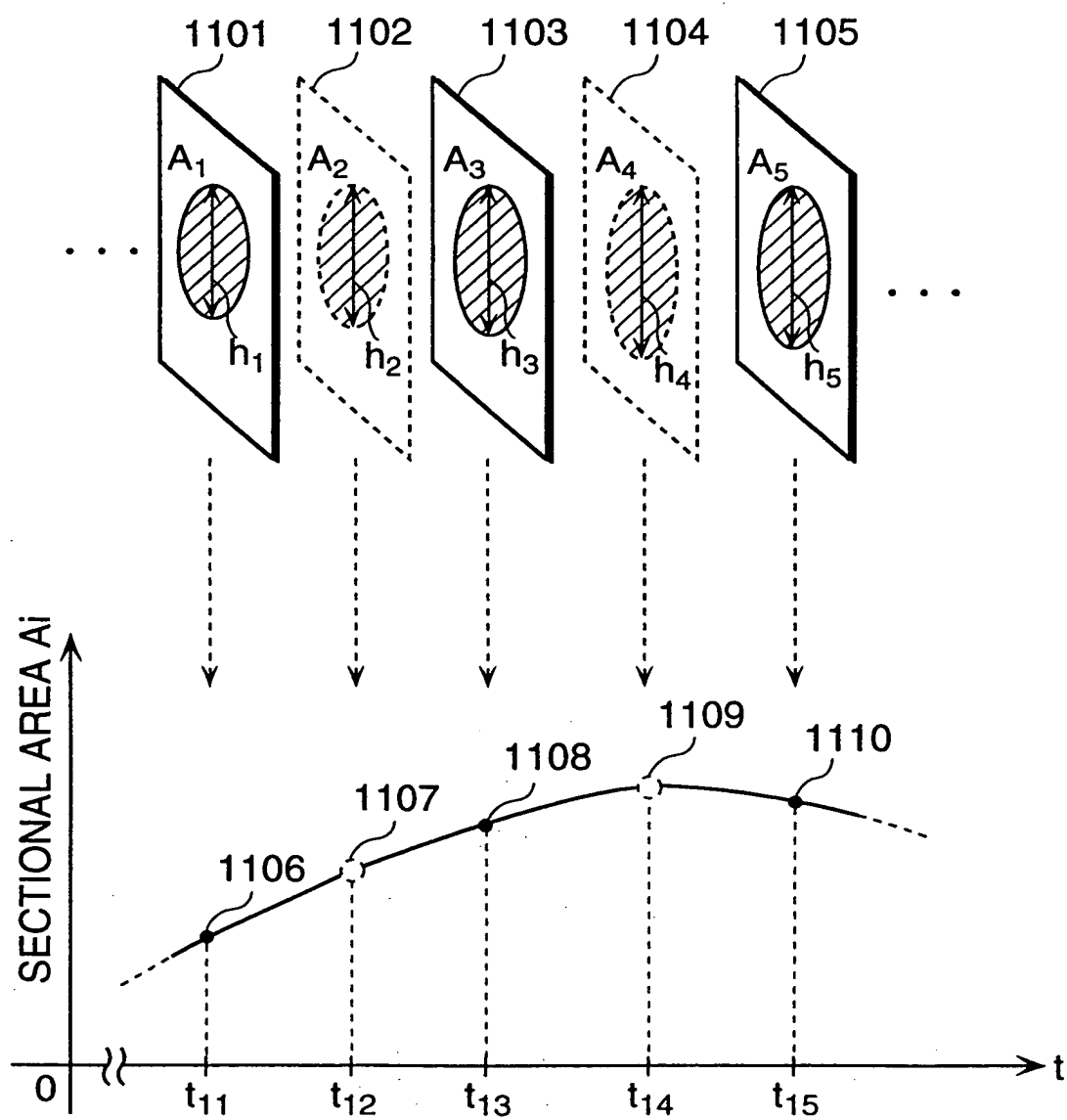
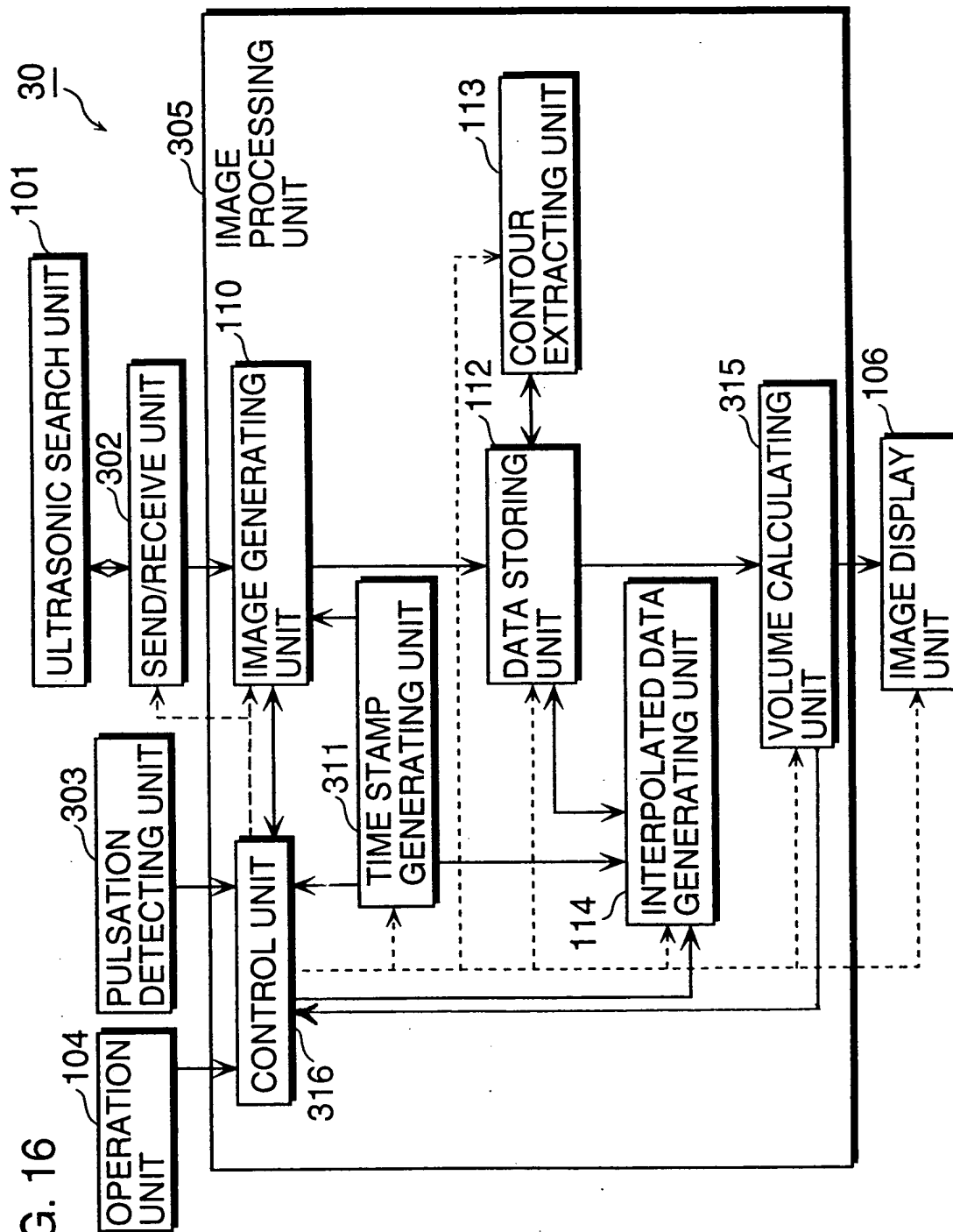


FIG. 16





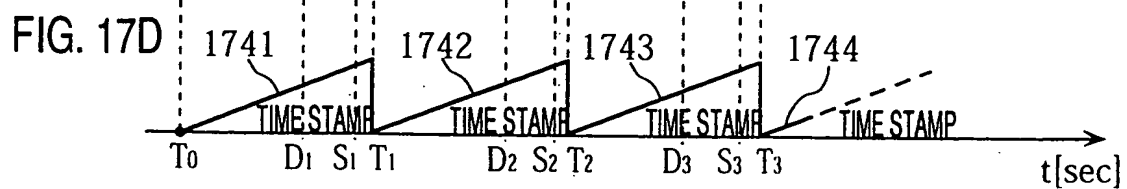
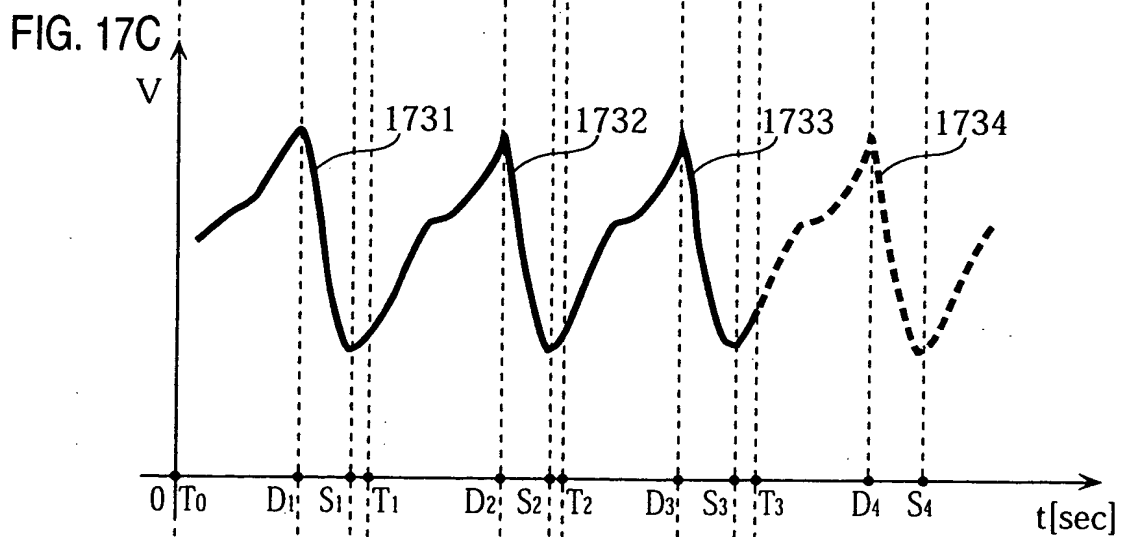
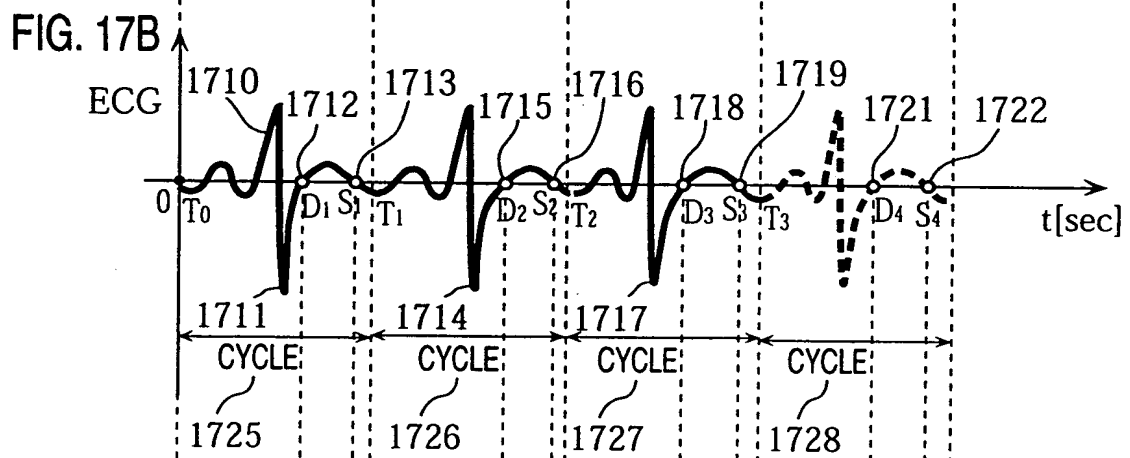
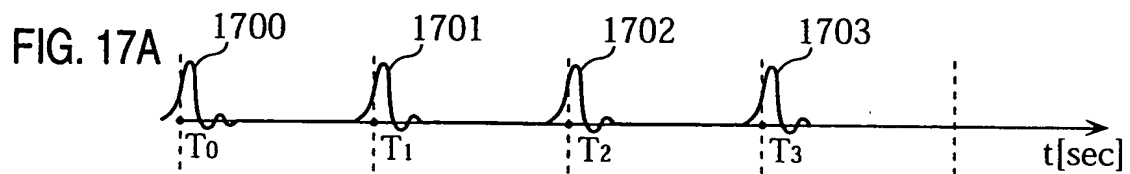


FIG. 18

